IN THE SPECIFICATION

Please amend the specification as follows:

[0123] Despreading section 800 ~~desrpeads~~ despreads subcarriers using a spreading code for feedback information used to spread a feedback information subcarrier.

[0124] SC decision section 810 outputs a subcarrier having the highest correlation value as a result of the ~~dispreading~~ despreading by despreading section 800 to FB information reception section 250 as a feedback information subcarrier.

[0143] The data of subcarriers are despread by despreading section 800 using the same spreading code as that used for spreading. Furthermore, data of all the subcarriers are despread using spreading codes for feedback information and the ~~dispreading~~ despreading result is output to SC decision section 810.

[0144] SC decision section 810 decides that the subcarrier with the highest correlation value which is the result of ~~dispreading~~ despreading using the spreading code for feedback information is the feedback information subcarrier.

[0147] Thus, according to this embodiment, the mobile station apparatus selects the downlink subcarrier having the highest reception quality as the uplink feedback information subcarrier, and therefore the base station apparatus need not transmit information about the

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feedback information subcarrier, and it is possible to thereby prevent the downlink capacity from reducing. And since the mobile station apparatus spreads the feedback information using a predetermined spreading code for feedback information and maps the spread feedback information about the feedback information subcarrier, the base station apparatus can detect the feedback information subcarrier through the ~~dispreading~~ despreading processing using the spreading code for feedback information even when there is no additional information.

[0148] Embodiment 3 may also be applied to Embodiment 1. In this case, even when the downlink FBSC information is received by error and the mobile station apparatus transmits the feedback information using a subcarrier which is different from that of the FBSC information, the base station apparatus detects the subcarrier on which the feedback information is actually mapped through ~~dispreading~~ despreading using the spreading code for feedback information, and therefore the base station apparatus can receive the feedback information correctly. When the feedback information is received correctly, it is possible to prevent the amount of retransmission from increasing and improve the system capacity and throughput.